Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No..... 3rd & final Date.....SEP 2012

AEE/YNK SUB DN
Date 21/3/13

Division: BBMP / YNK Sub-Division: Yelahanka Sub – Division.

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Work Code: 002-11-000029

YNK-SBR No. 437
Date 31.3.201

Schedule Docket No. Head of Account: Est.Cost: 10.00 Lakhs D.R.No. :

Name of Work : **Maintenance of Existing bore wells newly added areas of Nagenahalli, Konchenahalli, Harohalli in ward No:02 of Yelahanka sub division.**

Name of Contractor and Full Address: **Sri.K.V.Srinivasulu No.225, Masidi road, Yelahanka , Bangalore**

Reference to Agreement No. EE/YNK.D/Tend - 02/ W.O/ 31/2010-11. Date:07-3-2011 139 03140 D5

Certified that the measurements were taken by me on 30.12.12 and recorded of Pages 22, 23 of 66 Measurement Book No. 13911 and that the work is satisfactorily executed.

Ramagouda
Officer-in-charge of work

Contractor

Certified that the measurement were taken by me on 21/3/13 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Yelahanka Sub-Division

II Memorandum of Payment Sub-Division Officer

1) Total value of work done or supplies made as per account within		1051483
2) Deduct amount to be held in reserve being .....percent Rs.....		67826
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No. 26 Dated 23.1.13 S.D. No.....	Amount	333216
adjusted towards cash advance recovery of		16660
		3335
b) Payments Now made: cost store or other material supplied.		13350
recovery of amount creditable to this/other work		3335
Amount paid on this bill Cheque / Cash.		296000
5) Balance being unpaid value of work done held in reserve.		356
6) Deduct cash advance made on the Office cash Book Voucher No..... ..... dated.....less adjustments.		37216
7) Net amount due to or from Contractor unadjustments items		296000
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		333216
Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

(For use in the Office) 333216

296000
36996 - 37216

Executive Engineer
Yelahanka Division
BBMP

sl no	Description of work	
1	Lifting of Submersible Pump set with all leads cost of labour complete as per specifications as per direction of Engineering incharge	U
2	Transportation of pumping machineries with all leads cost of labour complete as per specifications as per direction of Engineering incharge	
3	(A) Repairs to Motor Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months. with all leads cost of labour complete as per specifications as per direction of Engineering incharge	
	a) -Do - above 3HP upto 5HP	
	b) -Do - above 5HP upto 10HP	N
	(Above 5HP upto 10HP add Rs.115/- for every 1/2 HP)	
	B) Replacement of Motor Parts:	
4	Above 4HP Stator (with one year Guarntee) with all leads cost of labour complete as per specifications as per direction of Engineering incharge	
5	Above 4HP Rotor (with one year Guarntee) with all leads cost of labour complete as per specifications as per direction of Engineering incharge	N
6	Upper Flange with all leads cost of labour complete as per specifications as per direction of Engineering incharge	N
7	Lower Housing with all leads cost of labour complete as per specifications as per direction of Engineering incharge	N
8	Lower Flange with all leads cost of labour complete as per specifications as per direction of Engineering incharge	N
9	a) Carbon Housing with all leads cost of labour complete as per specifications as per direction of Engineering incharge	N
10	b) Thrust bearing block assembly complete with Segment bearing pad with all leads cost of labour complete as per specifications as per direction of Engineering incharge	N
11	c) Tip Carbon /Ferrodo peding with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Nu
12	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush with all leads cost of labour complete as per specifications. with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
13	Motor Base with pin with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
14	Re-erection charges of pumping machineries including overhauling and painting with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
15	Labour Charge (Over hauling Motor only) with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
16	Pump bowls with all leads cost of labour complete as per specifications as per direction of Engineering incharge	
17	Intermediate piece (I.P) with IP loaded bronze bush with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
18	Oil seal with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
19	Oil seal steel bushwith all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
20	Guide vanewith all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
21	Impeller (Shell moulded with aluminium and Bronze) with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
22	a) Discharge outlet (D.O) Bearing D.O Steel Bushwith all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
23	b)D.O Bearing with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
24	Steel bush (D.O) steel bush with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
25	Allen Screwwith all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
26	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
27	Pump key (Stainless steel with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
28	Pump coupling (stainless steel with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
29	Non - Return valve (NRV) assembly complete with rubber 'O' Ringwith all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
30	Cabble guard with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
31	Strainer with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
	E) General Items:	No
32	Providing and fixing in trenches galvanised mid steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. with all leads cost of labour complete as per specifications. with all leads cost of labour complete as per specifications as per direction of Engineering incharge	
33	Providing and fixing 50 mm dia heavy duty collar SE RDED Approved rate with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Mtr
		No

Original/Duplicate/Triplicate

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
22	6908	16.00	314.00	5652.00	40.00	12560.00	
22	4378	18.00	199.00	3582.00	40.00	7960.00	
	0			0.00	0.00	0.00	
3	6270	0.00	2090.00	0.00	3.00	6270.00	
21	69300	33.00	3300.00	108900.00	54.00	178200.00	
5	14400	2.00	2880.00	5760.00	7.00	20160.00	
7	17570	0.00	2510.00	0.00	7.00	17570.00	
12	1908	8.00	159.00	1272.00	20.00	3180.00	
17	3730.65	3.00	219.45	658.35	20.00	4389.00	
22	1958	18.00	89.00	1602.00	40.00	3560.00	
14	4535.3	11.00	323.95	3563.45	25.00	8095.75	
14	7336	11.00	524.00	5764.00	25.00	13100.00	
14	2929	11.00	209.00	2299.00	25.00	5225.00	
14	3136	11.00	224.00	2464.00	25.00	5600.00	
14	3218.6	11.00	229.90	2528.90	25.00	5747.50	
18	7524	19.00	418.00	7942.00	37.00	15466.00	
21	8778	19.00	418.00	7942.00	40.00	16720.00	
	0			0.00	0.00	0.00	
23	3465.19	17.00	151.53	2576.01	40.00	6061.20	
23	11777.15	17.00	512.05	8704.85	40.00	20482.00	
23	528.77	17.00	22.99	390.83	40.00	919.60	
23	1922.6	17.00	83.60	1421.20	40.00	3344.00	
220	40480	30.00	184.00	5520.00	250.00	46000.00	
220	50380	30.00	229.00	6870.00	250.00	57250.00	
40	16680	0.00	417.00	0.00	40.00	16680.00	
40	5840	0.00	146.00	0.00	40.00	5840.00	
40	2800	0.00	70.00	0.00	40.00	2800.00	
40	1337.6	40.00	33.44	1337.60	80.00	2675.20	
22	7471.85	18.00	339.63	6113.34	40.00	13585.20	
40	2508	0.00	62.70	0.00	40.00	2508.00	
40	5225.2	0.00	130.63	0.00	40.00	5225.20	
40	15257.2	0.00	381.43	0.00	40.00	15257.20	
40	2720	0.00	68.00	0.00	40.00	2720.00	
40	3135.2	0.00	78.38	0.00	40.00	3135.20	
140	45031	57.00	317.00	18069.00	200.00	63400.00	
[illegible]	5632	16.00	175.00	3166.00	50.00	8800.00	

sl no	Description of work	Unit
34	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 5 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts with all leads cost of labour complete as per specifications	Mtr
35	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the some to the wall using tapered invened wooden plugs screws etc with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
36	Supplying of LTUG cable having aluminium conductor PVC insulated sheilhed, galvanised steel, wire/ steel tap armoured cable with PVC outer sheathing 1.1KV class with all leads cost of labour complete as per specifications, with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Mtr
37	Labour charges for laying of 1.1KV class UG cable (PWD Electrical SR-1999-2000 with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Mtr
38	Digging or trenching of 0.6mx 0.5 m wide refilling the trench to the required ground level and consolidating etc. complete as per Civil SR KSRB 1-2 P-7 with all leads cost of labour complete as per specifications.	Mtr
39	Supplying and fixing of class A (meaium duty) GI pipe of wall thickness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrengurnents for UG cable of 1.1KV class with all leads cost of labour complete as per specifications	Mtr
40	Supplying and fixing L T cast iron pot head suitable for 1.1 KV class UG cable filled with necessary bitumon/ insulating compound complete with terminals clamps, bolts, nuts, and washers etc. P.No,69/I No.16-b with all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
41	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/ panel using necessary nuts. Bolts and washer etc, complatowith all leads cost of labour complete as per specifications as per direction of Engineering incharge	No
42	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting fully weather proof with provision for better heat dissipation provided with hinged front cover equipped with tamper proof locking arrengments with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats to red oxide primer paint and finaly finished with approved colour enamelled metal paint etc. complete box of 21600 sqcm @ Rs.0.3with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Sqcm
43	Supply and delivery at site brand new star / Esser/ Lotus/sun shine/ Adrash/ GK controls best indigenous make combined energy meter cum control panel board unit of size 600x450x250mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 Ph, 50 Hz 350/440 volts, A C supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided. the complines energy meter cum control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitabl pump sewith all leads cost of labour complete as per specifications	No
44	KSRB 10.6.3-6 Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of al materials labour and HOM of equipments with all leads complete as pe specifications Specification with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Each
45	Labour charges for attending to repairs of the PVC pipes by earth work excavation cutting the old pipe installation and jointing of new pipes to the existing old pipe to the depth line and level, perfect linking at joints including encasing the pipes around to a depth of not loss than 15cm with earth available and refilling the excovated tronches giving satisfactory hydraulic test etc. complete (exluding the cost of materials)with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Each
46	KSRB 2-2-2 Earthwork excavation for foundation of building, water supply sanitary lines and electrical conduits either in pits or in trenchos 15m and above in width in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with load upto 50m after breaking of clods complete as per specification specification with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Cum
47	Providing and installation at site of works P.V.C pipes including cost of pipes and specials and including lowing into trenchos laying true to line level and perfect linking at joints leak proof around to a depth Not less than 15cm with grave or selected earth available form the excavation otwith all leads cost of labour complete as per specifications as per direction of Engineering incharge	
	75mm dia 6 KBC	Rmtr
	90mm dia 6 KBC	Rmtr
48	KSRB 2-4 Refilling available earth around pipe lines cables inlayers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification allow 50% of rate considered with all leads cost of labour complete as per specifications as per direction of Engineering incharge	Cum
		TOTAL

Certificates:

1. The above work is done satisfactorily and complete in all respect.
2. There is no department issue for the above work.
3. This works comes under BBMP Limit.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
420	43890	180.00	104.50	18810.00	600.00	62700.00	
15	4310.7	10.00	287.38	2873.80	25.00	7184.50	
125	19593.75	75.00	156.75	11756.25	200.00	31350.00	
125	625	75.00	5.00	375.00	200.00	1000.00	
150	9405	0.00	62.70	0.00	150.00	9405.00	
40	9200	0.00	230.00	0.00	40.00	9200.00	
25	6270	0.00	250.80	0.00	25.00	6270.00	
100	9405	0.00	94.05	0.00	100.00	9405.00	
147900	54723	0.00	0.37	0.00	147900.00	54723.00	
5	57605.65	0.00	11521.13	0.00	5.00	57605.65	
100	168387	0.00	1683.87	0.00	100.00	168387.00	
100	9300	100.00	93.00	9300.00	200.00	18600.00	
352	48509	64.00	134.00	7206.00	416.00	55744.00	
	0			0.00	0.00	0.00	
150	12150	50.00	81.00	4050.00	200.00	16200.00	
150	7425	50.00	49.50	2475.00	200.00	9900.00	
152	5910	54.00	55.00	2970.00	216.00	11880.00	
	699500.0			344500.00		1044000.00	

Remained qty

(26) IAG(5) Qty = 40.00 × Rs 33/No = Rs 1338/-

(36) = Qty = 17 No × Rs 330/No = Rs 5610/-

(5) = Qty = 9 No × 159/No = Rs 1431/-

(17) = Qty = 20 No × 512/No = Rs 10240/-

(18) = Qty = 20 No × 22.99/No = Rs 450/-